

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
 Data File : PD089141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 18:07
 Operator : AR\AJ
 Sample : Q2393-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PARK AVE -1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/26/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 06:40:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.881	43687418	290.7E6	15.312	17.146
2)	SA Decachlor...	9.071	8.071	64713848	308.7E6	16.477	15.615
Target Compounds							
2)	A alpha-BHC	3.999	3.393	262.2E6	1206.9E6	44.982	45.040
3)	MA gamma-BHC...	4.330	3.730	251.2E6	1114.9E6	45.007	45.033
4)	MA Heptachlor	4.929	4.083	236.2E6	1089.7E6	43.322	43.520
5)	MB Aldrin	5.271	4.369	236.1E6	1085.2E6	44.430	44.810
6)	B beta-BHC	4.515	4.025	95684739	477.1E6	43.352	44.401
7)	B delta-BHC	4.763	4.262	241.4E6	1117.5E6	47.031	44.927
8)	B Heptachlo...	5.690	4.872	209.7E6	965.7E6	43.479	44.098
9)	A Endosulfan I	6.074	5.247	195.2E6	915.7E6	43.298	43.933
10)	B gamma-Chl...	5.945	5.125	204.6E6	1054.3E6	42.728	44.072
11)	B alpha-Chl...	6.026	5.190	209.0E6	1005.7E6	43.187	43.923
12)	B 4,4'-DDE	6.196	5.375	187.2E6	991.0E6	42.914	43.245
13)	MA Dieldrin	6.347	5.512	208.3E6	1013.8E6	43.417	43.683
14)	MA Endrin	6.574	5.789	171.4E6	944.5E6	41.537	43.496
15)	B Endosulfa...	6.785	6.080	167.8E6	852.6E6	41.568	42.214
16)	A 4,4'-DDD	6.705	5.928	150.9E6	826.6E6	43.981	43.210m
17)	MA 4,4'-DDT	7.021	6.183	149.7E6	810.4E6	39.526	39.963
18)	B Endrin al...	6.915	6.258	131.9E6	642.2E6	43.042	41.941
19)	B Endosulfa...	7.149	6.482	160.5E6	815.4E6	41.834	41.557
20)	A Methoxychlor	7.492	6.754	79072173	415.4E6	39.132	38.577
21)	B Endrin ke...	7.630	6.991	173.8E6	886.5E6	42.661	41.039
22)	Mirex	8.113	7.185	128.4E6	677.8E6	42.243	40.639

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Data File : PD089141.D
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Acq On : 25 Jun 2025 18:07
Operator : AR\AJ
Sample : Q2393-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PARK AVE -1MS

Manual Integrations

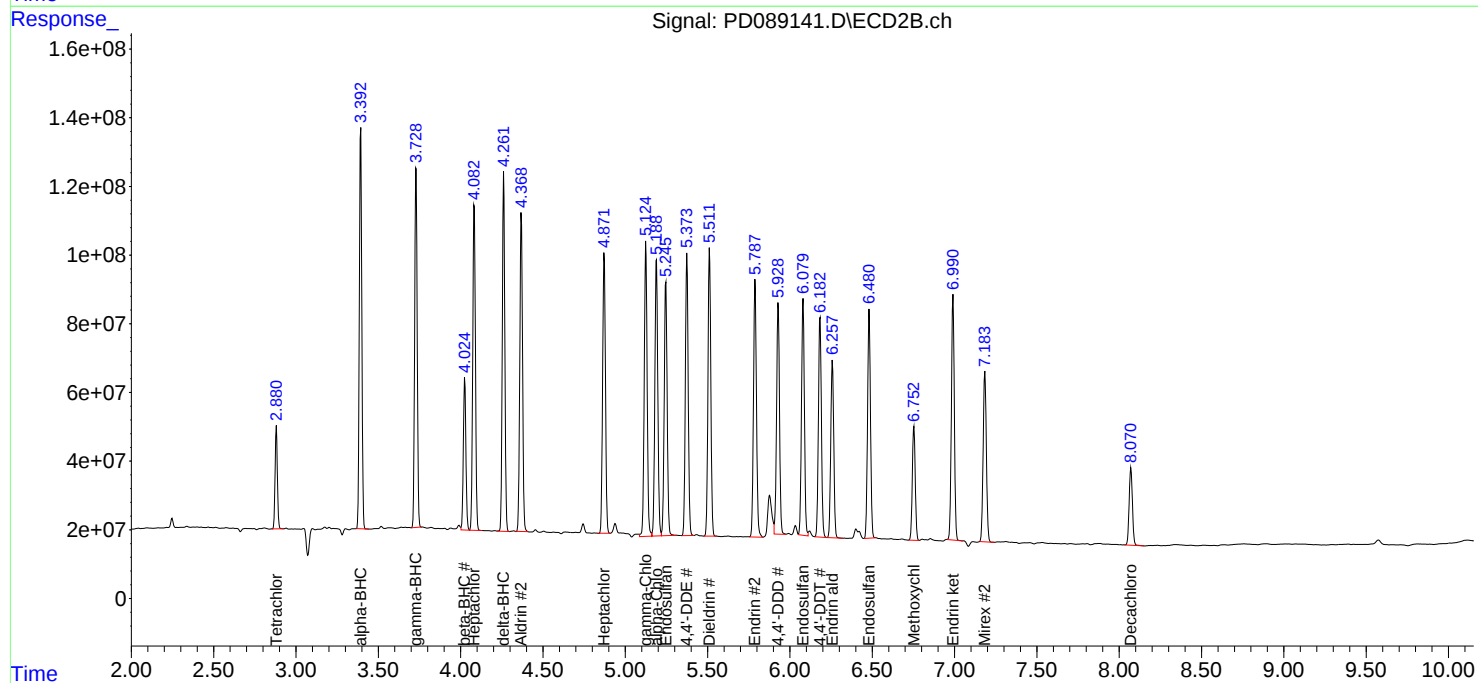
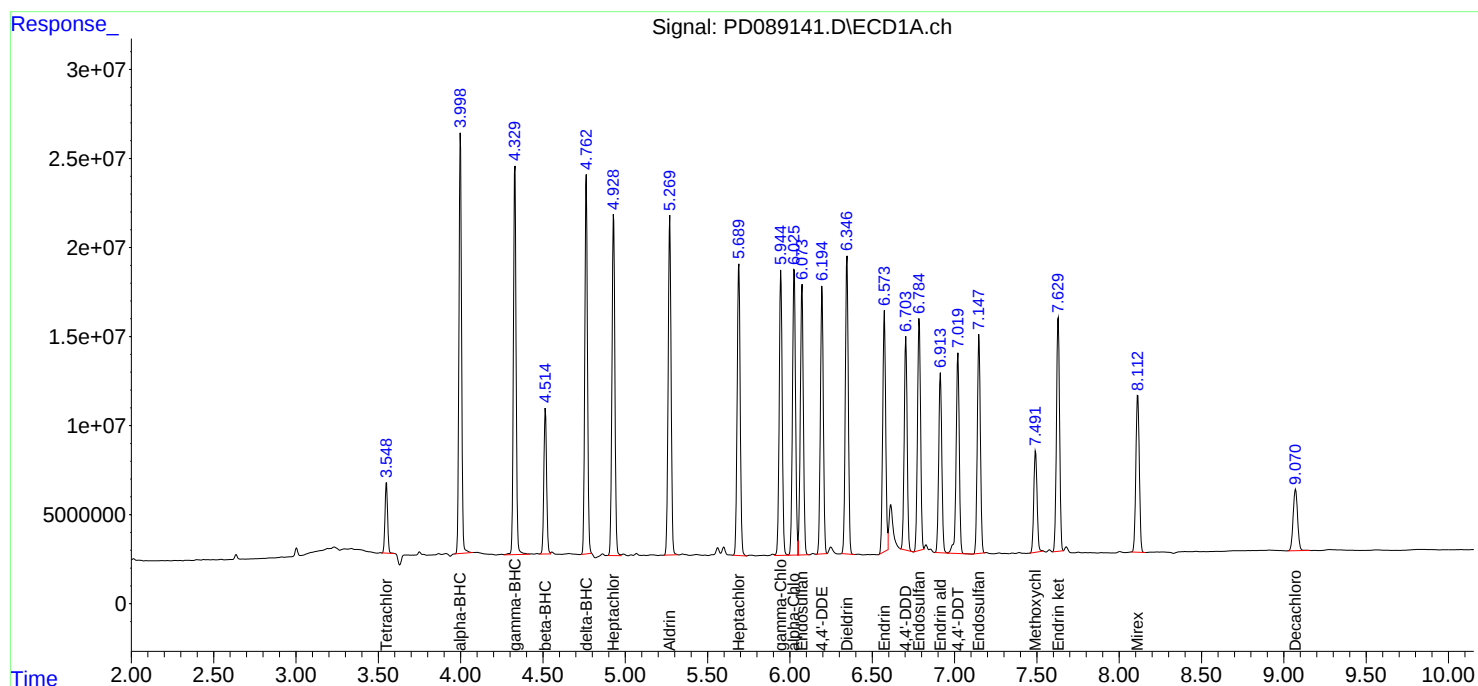
APPROVED

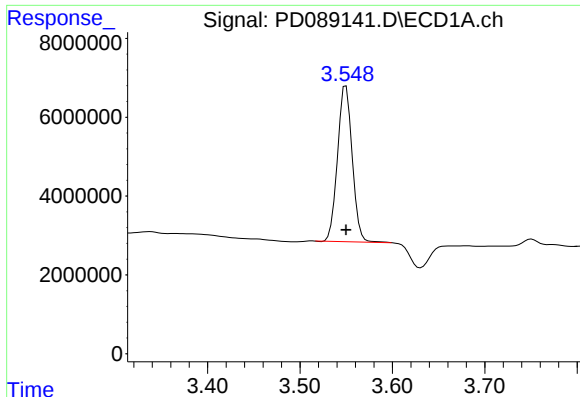
Reviewed By :Abdul Mirza 06/26/2025

Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 06:40:52 2025
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QLast Update : Wed Jun 18 05:39:05 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





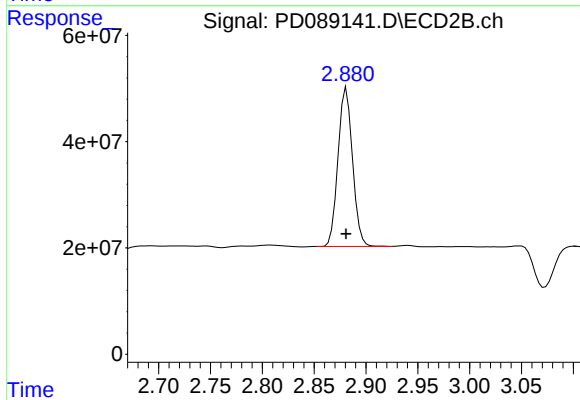
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 43687418
Conc: 15.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -1MS

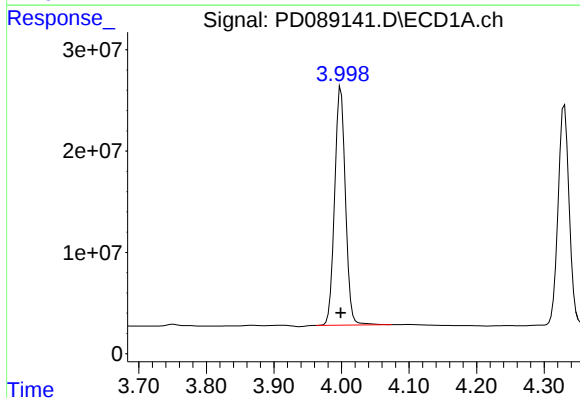
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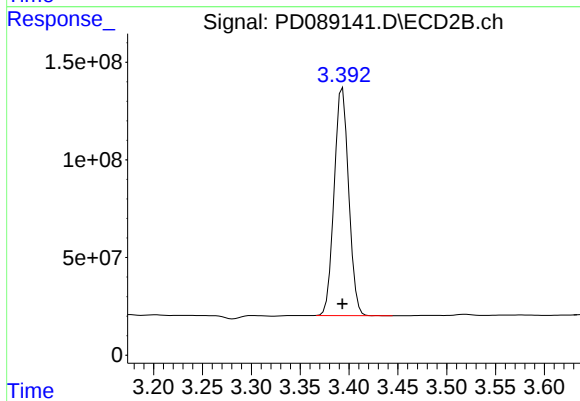
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 290672291
Conc: 17.15 ng/ml



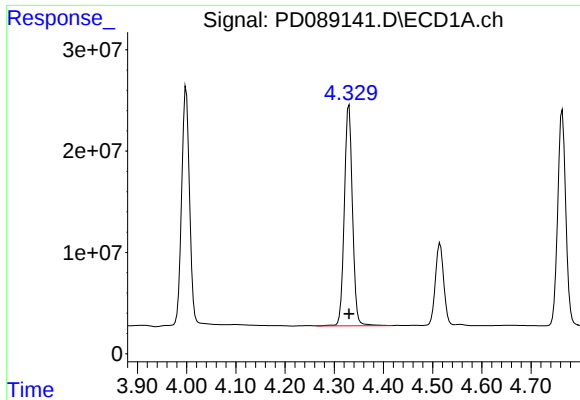
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 262201111
Conc: 44.98 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1206936668
Conc: 45.04 ng/ml



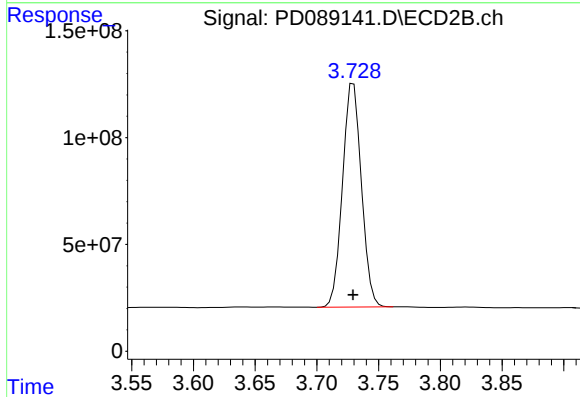
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 251215823
Conc: 45.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -1MS

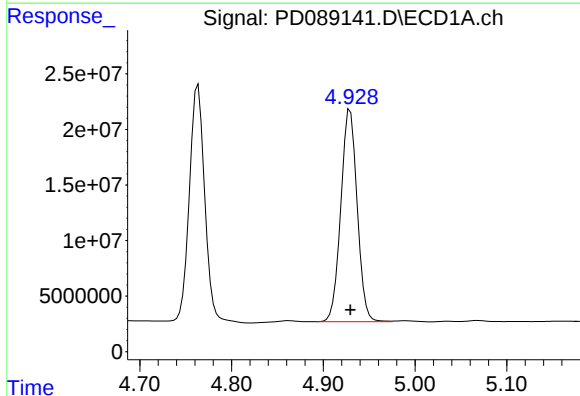
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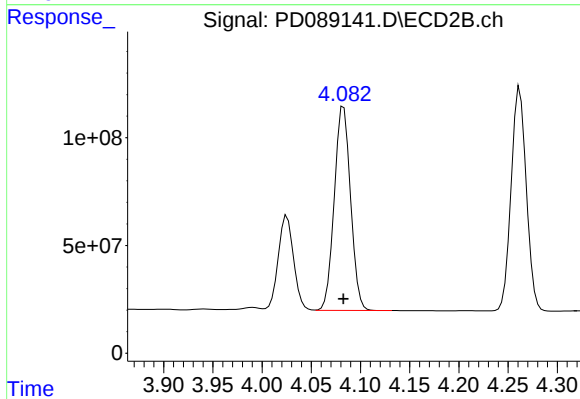
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 1114874520
Conc: 45.03 ng/ml



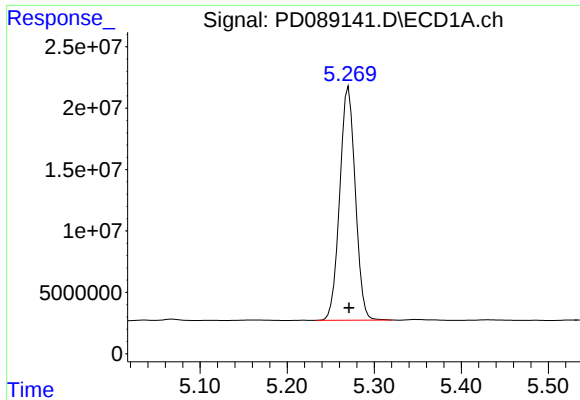
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 236187854
Conc: 43.32 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 1089673313
Conc: 43.52 ng/ml



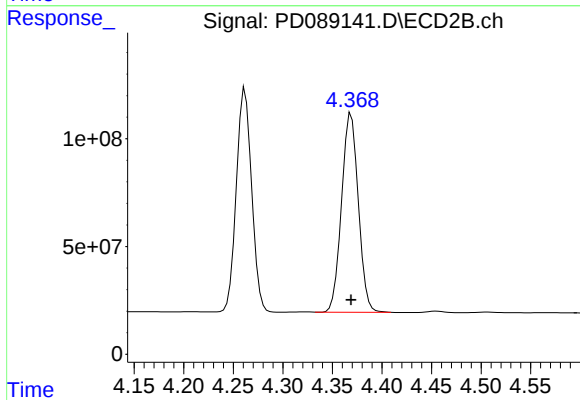
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 236055428
Conc: 44.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -1MS

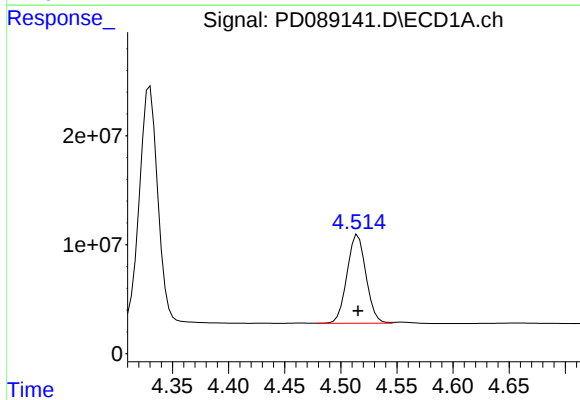
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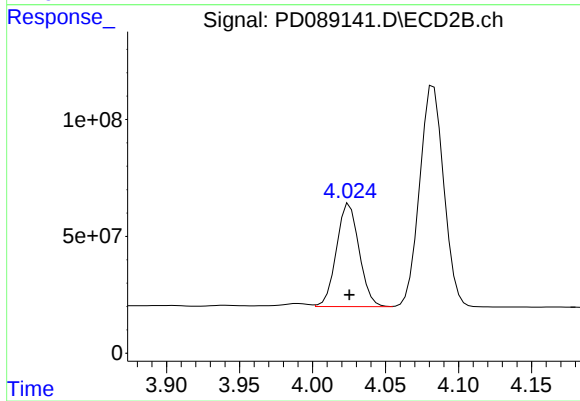
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1085167272
Conc: 44.81 ng/ml



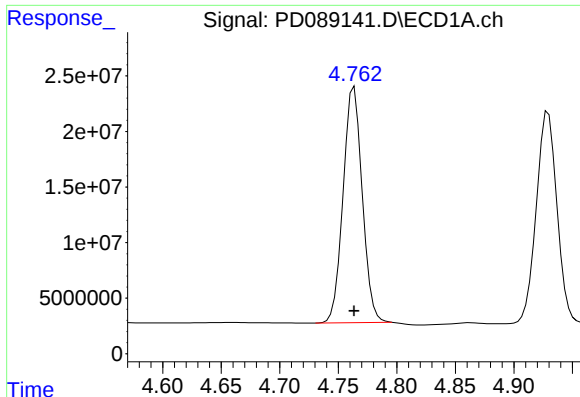
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 95684739
Conc: 43.35 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 477145008
Conc: 44.40 ng/ml



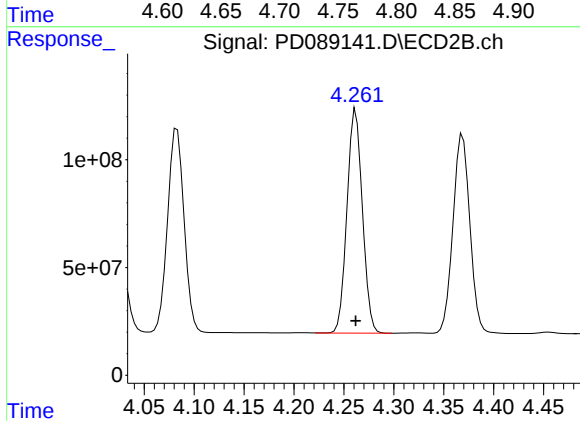
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 241406048
Conc: 47.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -1MS

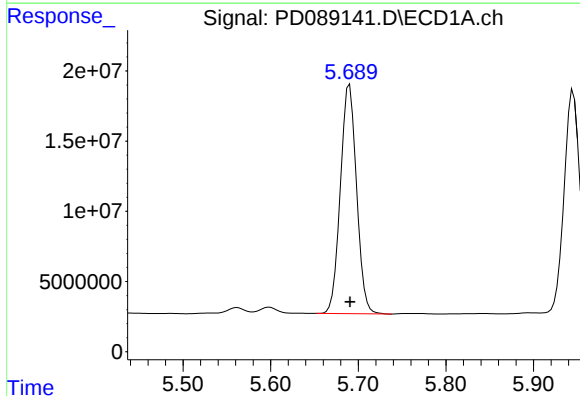
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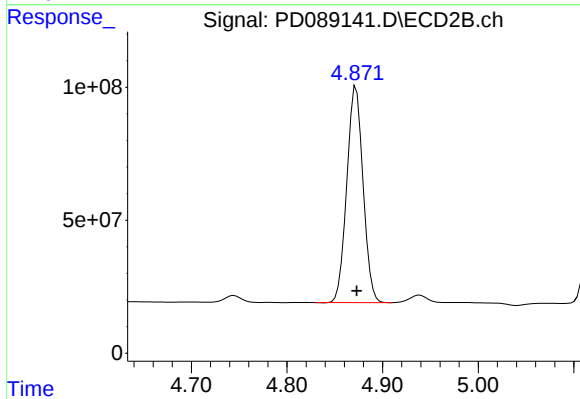
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 1117486896
Conc: 44.93 ng/ml



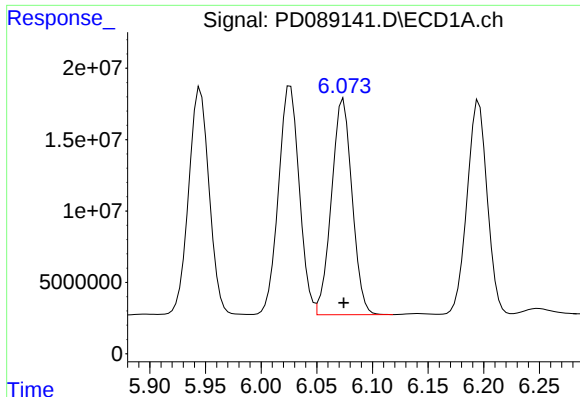
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 209739992
Conc: 43.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 965652416
Conc: 44.10 ng/ml



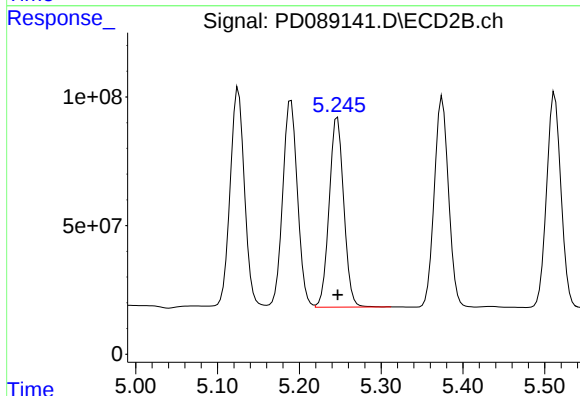
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 195163760
Conc: 43.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
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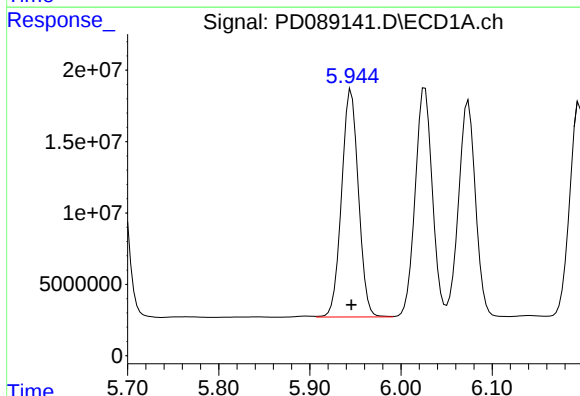
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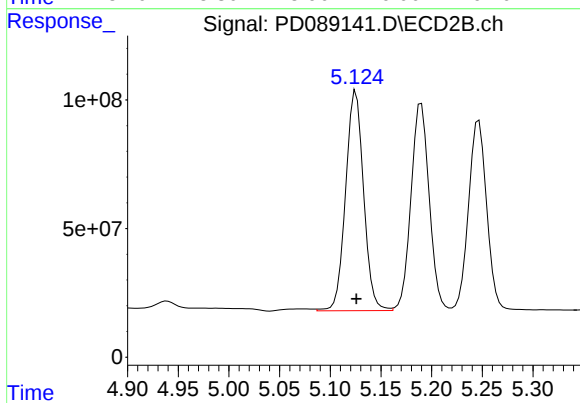
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 915667045
Conc: 43.93 ng/ml



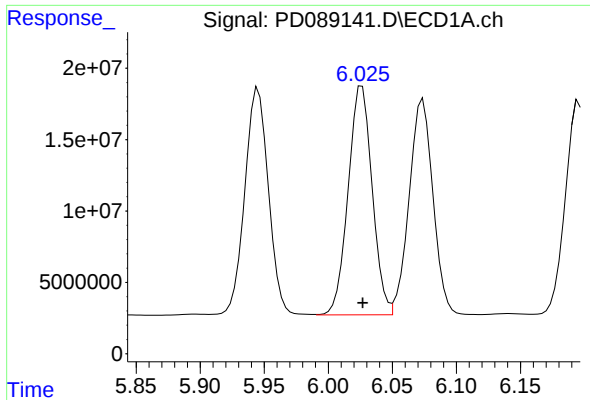
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 204587954
Conc: 42.73 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1054319602
Conc: 44.07 ng/ml



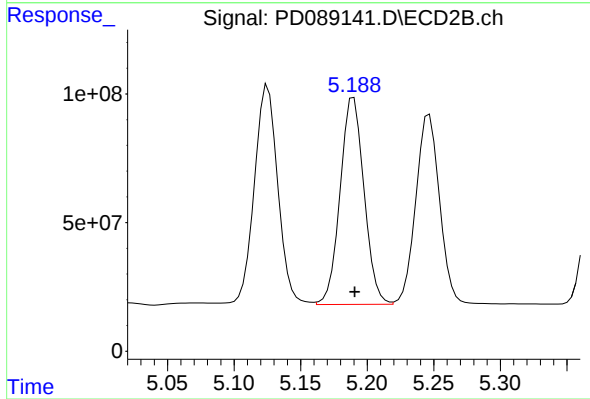
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 208962213
Conc: 43.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -1MS

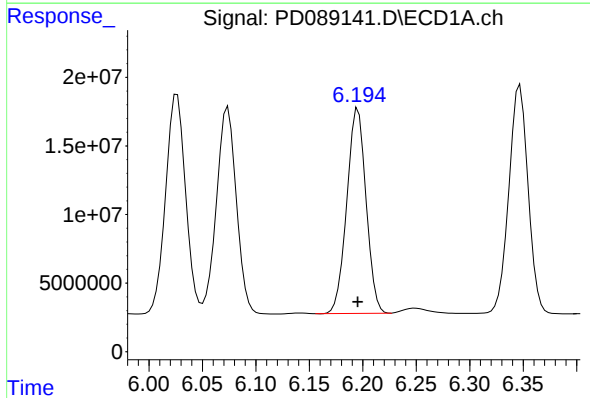
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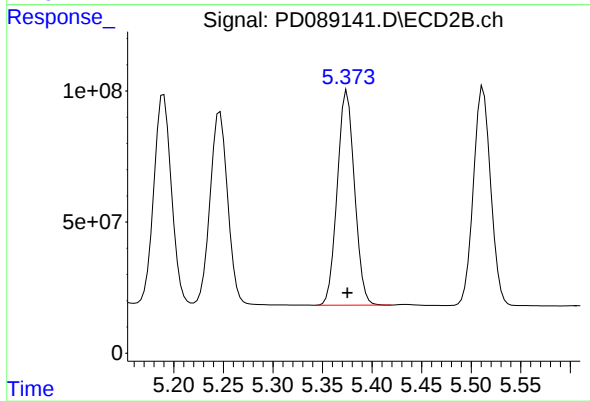
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 1005705665
Conc: 43.92 ng/ml



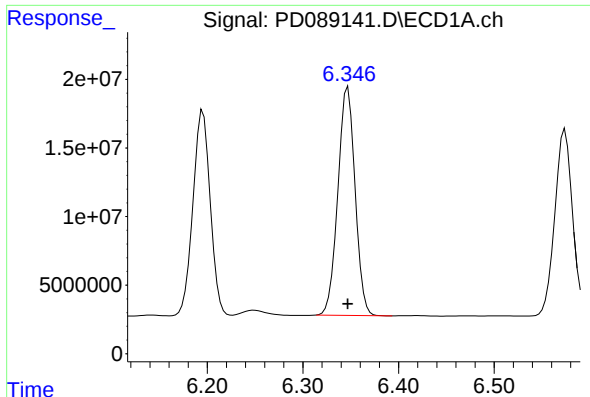
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 187150558
Conc: 42.91 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 990994204
Conc: 43.24 ng/ml



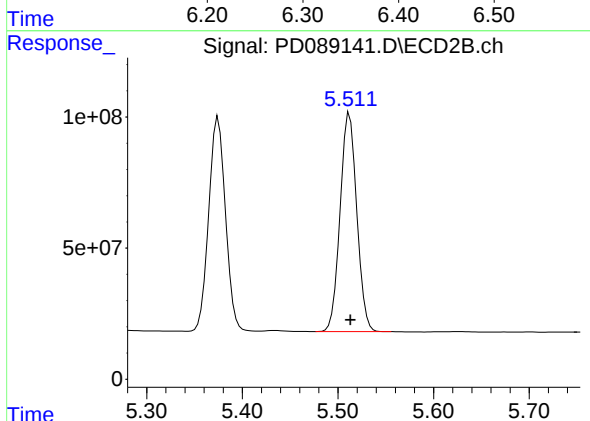
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 208291736
Conc: 43.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -1MS

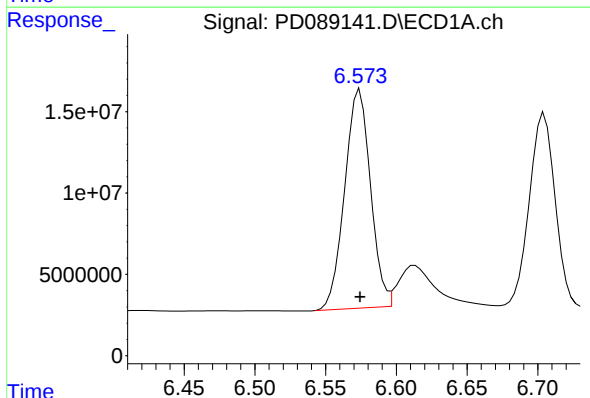
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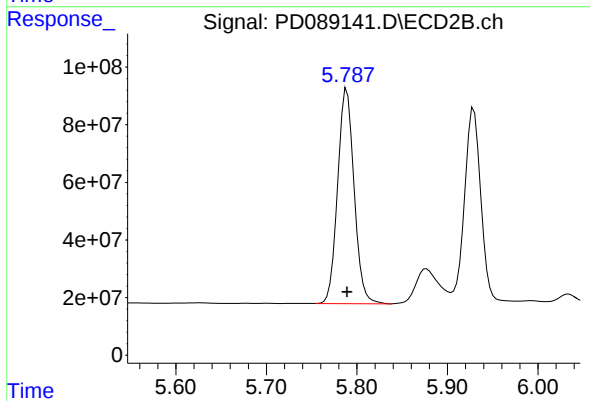
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 1013810505
Conc: 43.68 ng/ml



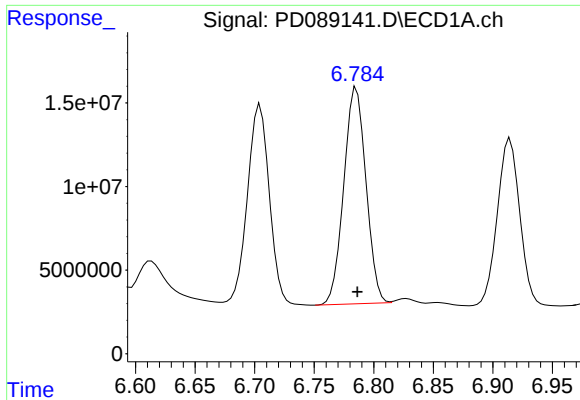
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 171365170
Conc: 41.54 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 944458433
Conc: 43.50 ng/ml



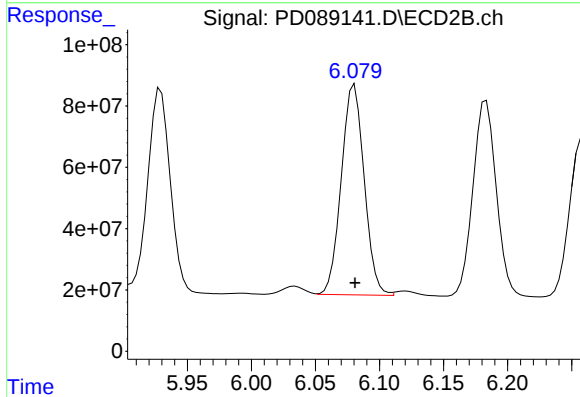
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 167791713
Conc: 41.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
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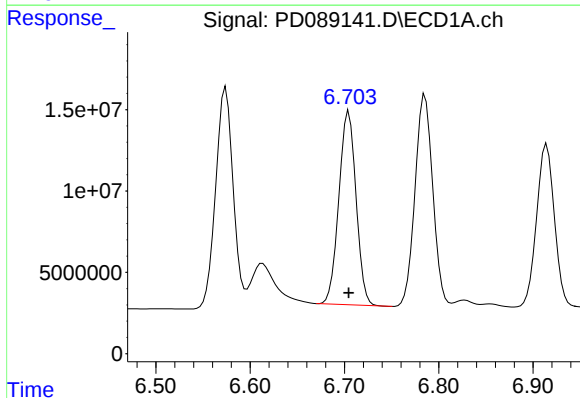
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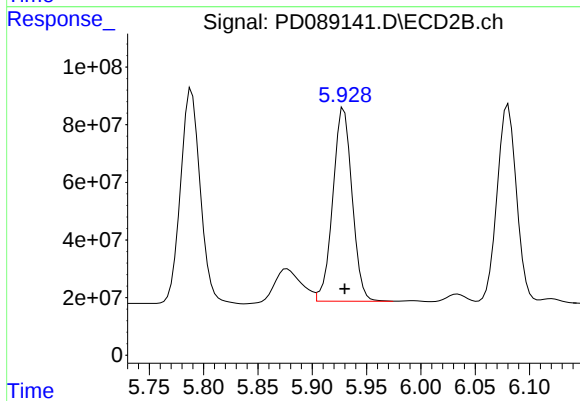
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 852575898
Conc: 42.21 ng/ml



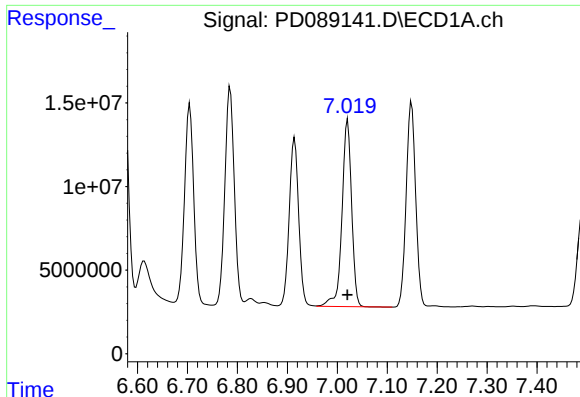
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 150943747
Conc: 43.98 ng/ml



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 826580156
Conc: 43.21 ng/ml m



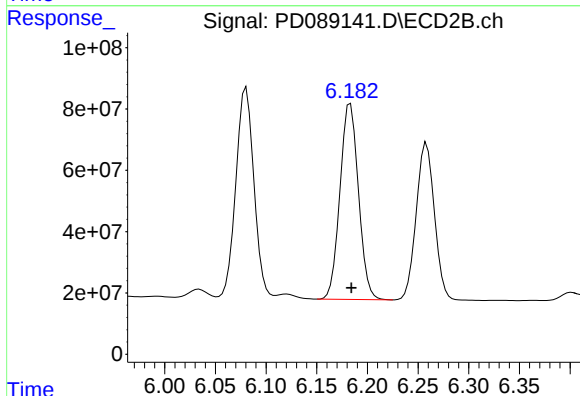
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 149732236
Conc: 39.53 ng/ml

Instrument :
ECD_D
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PARK AVE -1MS

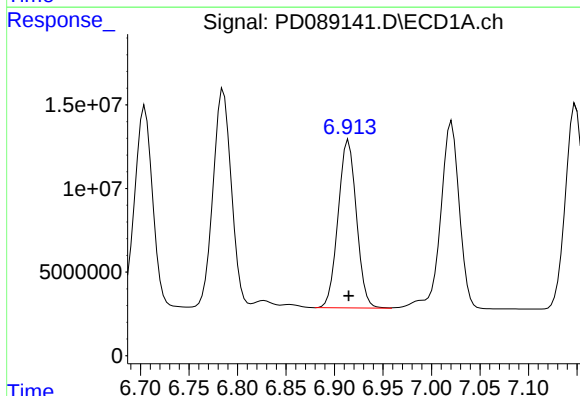
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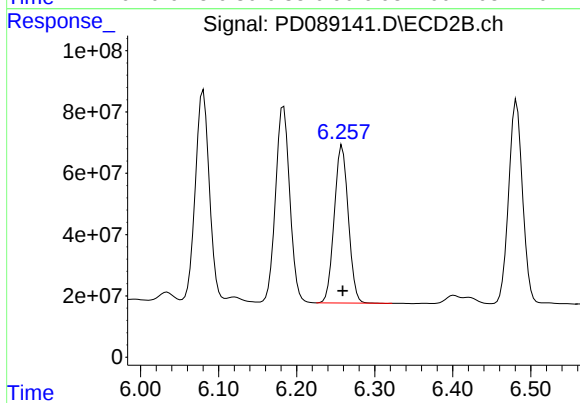
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 810413947
Conc: 39.96 ng/ml



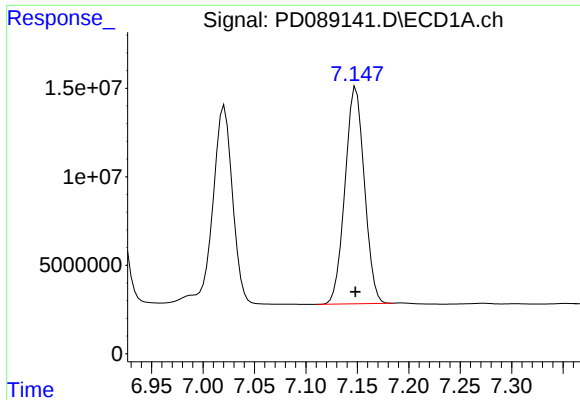
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 131878385
Conc: 43.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 642165398
Conc: 41.94 ng/ml



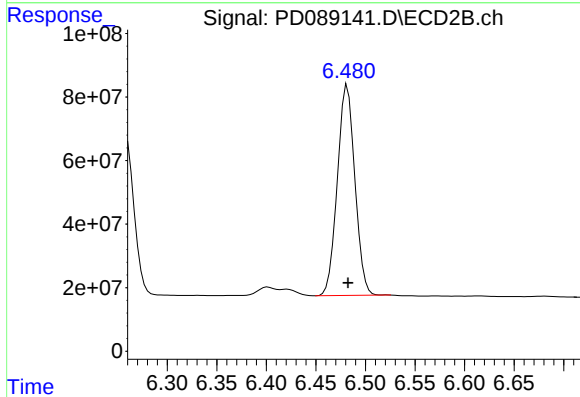
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 160524783
Conc: 41.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -1MS

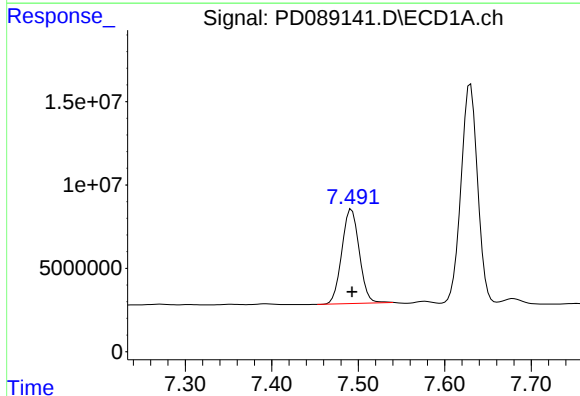
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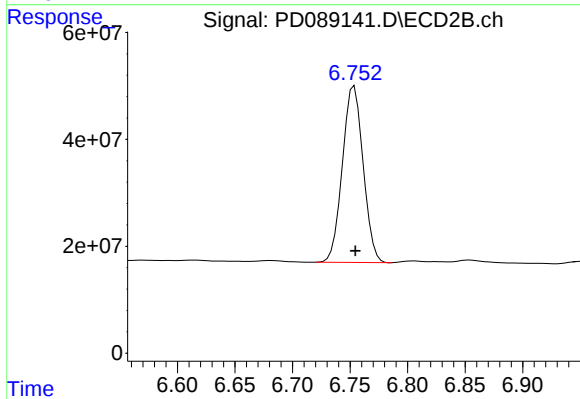
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 815401035
Conc: 41.56 ng/ml



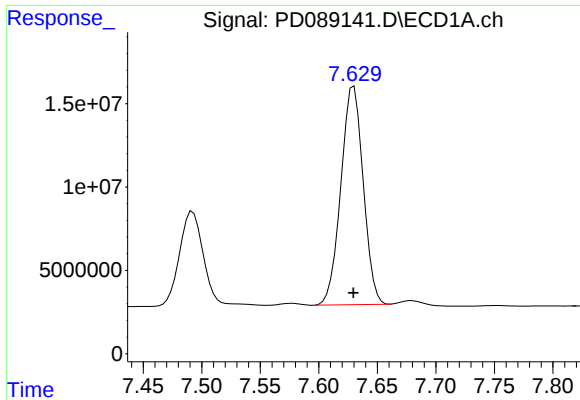
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 79072173
Conc: 39.13 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 415404664
Conc: 38.58 ng/ml



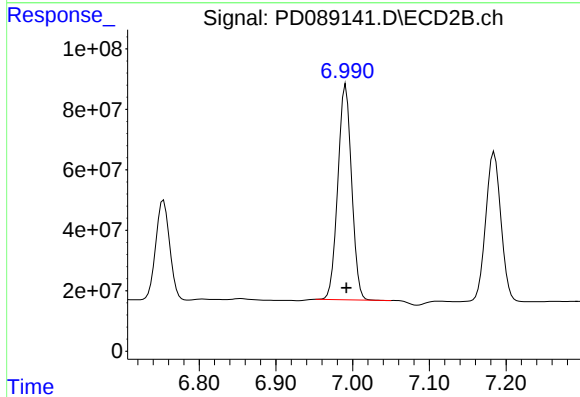
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 173762180
Conc: 42.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -1MS

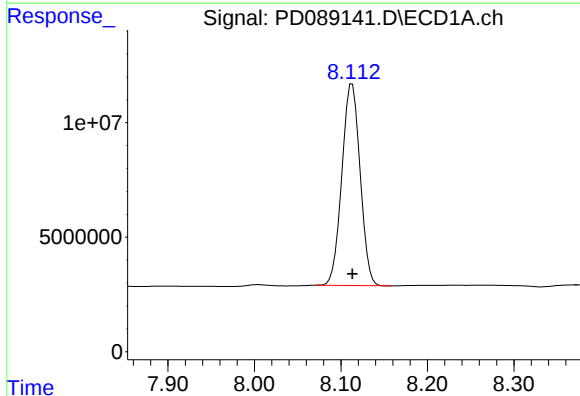
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/26/2025
Supervised By :mohammad ahmed 06/27/2025



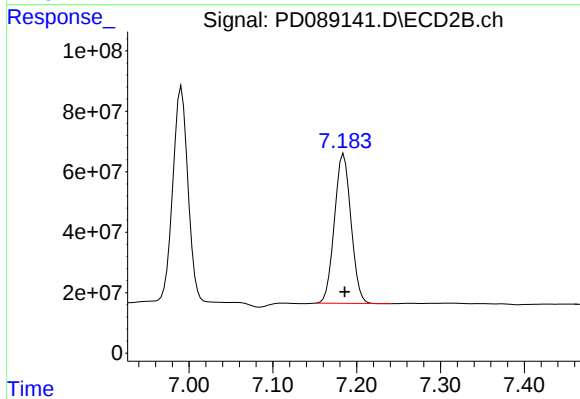
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 886518444
Conc: 41.04 ng/ml



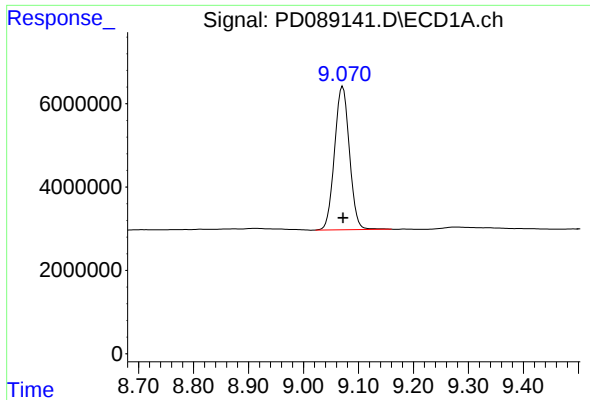
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 128425538
Conc: 42.24 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 677781245
Conc: 40.64 ng/ml



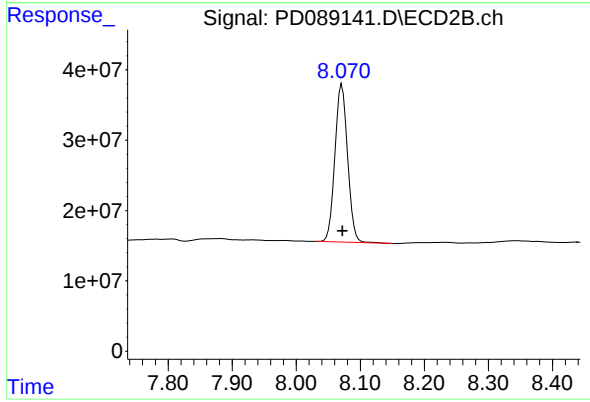
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 64713848
Conc: 16.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PARK AVE -1MS

Manual Integrations
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Supervised By :mohammad ahmed 06/27/2025



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 308703410
Conc: 15.61 ng/ml